

Evolution Aircraft 39440 South Av

Zephyrhills, Fl 33542

(813) 810-9262

SAFETY ALERT

Replacing SS bolts on a REVO hang block

SD---1013 Released August 18th 2013

Effective August 18th 2013

Status: mandatory

Background:

In one case a customer reported 2 of the stainless steel bolt heads breaking off when trying to loosen them from the sides of his hang block. This style HB was used in a limited number of REVOs (see serial numbers below)

Scope:

The following serial numbers of REVO weight Shift Control are affected by this safety directive: 000557--000587,

Authorized Persons:

An owner/operator is allowed to execute this safety directive in accordance with the instructions in this directive.

Tools and Articles Required:

- 1) 5/32 allen wrench
- 2) red locktite

Compliance:

Compliance is up to the owner of the aircraft, These SS bolts should be replaced with steel grade 5 bolts supplied by Evolution Aircraft inc. at no charge. Alternately the entire hang block can be replaced with a current style hang block which uses AN hardware with through bolts and nuts for a cost of \$150. Either solution should ensure problem free, safe operation.

This is how to comply with this directive.



This is how to comply with this directive:

- . 1) Order new hardware from Evolution at
evolutiontrikes@yahoo.com
- . 2) Remove one screw at a time and replace with the
new grade 5 screw using red locktite
- . 3) Use standard torque on all screws
- . .

Logbook Entry:

Aircraft logbook should be marked with the following entry and dated and signed with mechanic's or pilot owner/operator's license number (if applicable):__“Safety directive 1013 from the manufacturer satisfied as per instructions. Compliance with ASTM standards maintained